

(19) World Intellectual Property  
Organization  
International Bureau



28 DEC 2004

(43) International Publication Date  
15 January 2004 (15.01.2004)

PCT

(10) International Publication Number  
**WO 2004/004567 A1**

(51) International Patent Classification<sup>7</sup>: **A61B 5/18,**  
G09B 7/00

(21) International Application Number:  
PCT/NZ2003/000143

(22) International Filing Date: 4 July 2003 (04.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
520069 9 July 2002 (09.07.2002) NZ

(71) Applicant (for all designated States except US): **CAN-  
TERBURY DISTRICT HEALTH BOARD [NZ/NZ];**  
Private Bag 4710, Christchurch (NZ).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **JONES, Richard,**  
**Darryl [NZ/NZ];** C/o Private Bag 4710, Christchurch  
(NZ). **POLLOCK, Anthony, Steven [NZ/AU];** C/o De-  
partment of Telecommunications, The Australian National  
University, Canberra (AU).

(74) Agent: **BUCHANAN, Elspeth, Victoria;** C/O P.L. Berry  
& Associates, 61 Cambridge Terrace, P.O. Box 1250,  
Christchurch (NZ).

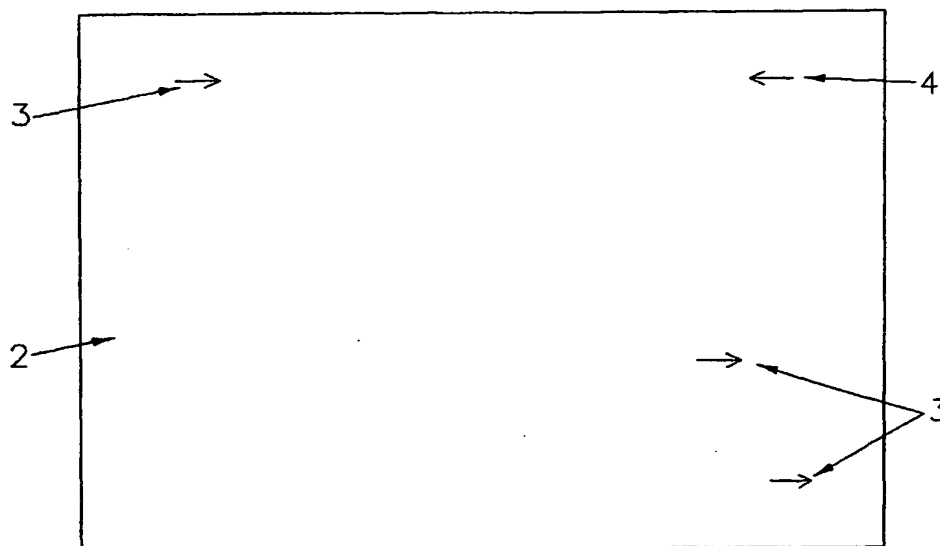
(81) Designated States (national): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,  
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,  
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:  
— with international search report

[Continued on next page]

(54) Title: **SYMBOLS-SCANNING TEST AND SYMBOLS-AND-TRACKING DUAL-TASK TEST**



(57) **Abstract:** Test for assessing a test subject's sensory-motor abilities consisting of presenting to the test subject a number of symbols (4) on a screen (5) and requiring the test subject to identify one or more preselected characteristics of the symbols; the tests are repeated many times with a varying arrangement of symbols and the results are recorded; in addition, the test may require the test subject to simultaneously carry out a random tracking test in which the test subject is required to steer a controllable second symbol (7) along a varying route (6) using manual controls simultaneously with identifying a preselected characteristic of the first symbols (4).

WO 2004/004567 A1